

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7565-1 (1975): Tines for Tractor-operated Cultivators,  
Part I: Rigid Tines [FAD 21: Farm Implements and Machinery]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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*Indian Standard*  
SPECIFICATION FOR  
TINES FOR TRACTOR-OPERATED CULTIVATORS  
PART I RIGID TINES

**1. Scope** — Specifies materials, dimensions and other requirements for rigid tines for tractor operated cultivators.

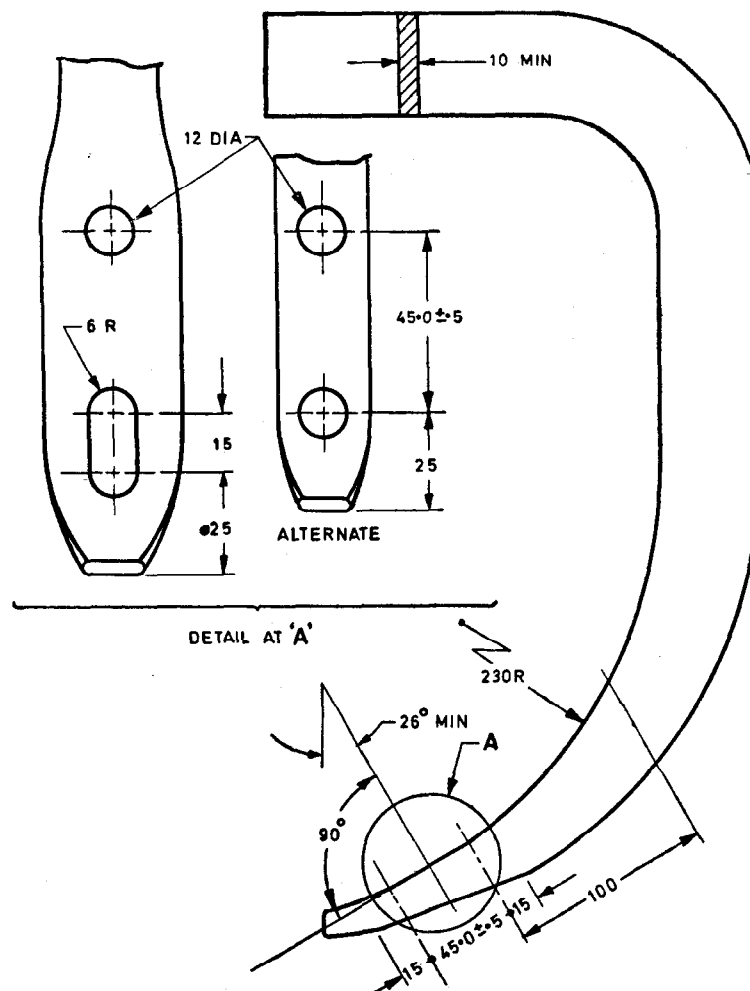
**2. Materials**

**2.1** Carbon steel, preferably conforming to Grade 55 Mn 75 of IS : 5517-1969 ' Specification for steels for hardening and tempering '.

**2.2** Low alloy steel, preferably conforming to Grade 55 Si 2 Mn 90 of IS : 3431-1965 ' Specification for steel for volute, helical and laminated springs for automotive suspension '.

**3. Hardness** — 235 to 310 HB [ see IS : 1500-1968 Method for Brinell hardness test for steel ( first revision ) ].

**4. Shape** — A typical shape of the rigid tine is given in Fig. 1 for guidance.



All dimensions in millimetres.

FIG. 1 RIGID TINE

Adopted 20 February 1975

© April 1975, ISI

Price

INDIAN STANDARDS INSTITUTION  
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110001

## **IS : 7565 ( Part I ) - 1975**

**5. Dimensions** — The thickness of the tine and the dimensions of contact points of tine with shovel or sweep shall be as given in Fig. 1. These dimensions shall be adhered to irrespective of the shape of the tine. The other dimensions shall be declared by the manufacturer.

### **6. Other Requirements**

**6.1** The tines shall be free from cracks, pits, burrs and other visual defects.

**6.2** The tine shall be free from rust and shall have a protective coating which will prevent surface deterioration in transit and storage.

**6.3** If the tine is set at its working position and a force of 100 kgf is applied for two minutes at the centre of shovel fixing position, the tine shall not lose its shape.

**7. Marking** — The tines shall be marked with the following:

- a) Manufacturer's name or recognized trade-mark, if any; and
- b) Batch or code number.

**7.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**8. Packing** — As agreed to between the purchaser and the supplier.

**9. Sampling** — Unless otherwise agreed to between the manufacturer and the purchaser, the criteria for sampling for lot acceptance shall be done in accordance with 3 of IS : 7201-1974 'Method of sampling of agricultural machinery and tractors'. The classification of different requirements of this specification for the purpose of lot testing is given in the clauses mentioned below for guidance:

- a) *Dimensional and Visual Requirements* — 5, 6.1 and 6.2.
- b) *Other than Visual and Dimensional Requirements* — 3 and 6.3.